

⁷Michael Bliss, *The Discovery of Insulin* (Chicago: University of Chicago Press, 1982), p. 39.

⁸Charles Best, "A Short Essay on the Importance of Dogs in Medical Research," *The Physiologist*, 17, no. 4 (November 1974), as cited in Bliss.

⁹See Peter Singer, "Animal Experimentation: Philosophical Perspectives," *The Encyclopedia of Bioethics*, Vol. 1 (New York: The Free Press, 1978), p. 80, and Andrew Roan, *Of Mice, Models and Men* (Albany: SUNY Press, 1984), p. 181.

¹⁰Maureen Harris and Paul Entmecher, "Mortality from Diabetes," in National Diabetes Data Group, *Diabetes in America* (National Institutes of Health Publication No. 85-1468, August, 1985), chapter 29.

¹¹Janice Dorman and Ronald LaPorte, "Mortality in Insulin-Dependent Diabetes," in *Diabetes in America*, chapter 30.

¹²See, for discussion of all these models, *Diabetes* Vol. 31, Supplement 1 (April 1982), special issue reviewing the use of animal models in diabetes research.

¹³Harris and Entmecher, "Mortality from Diabetes."

¹⁴See Charles M. Peterson *et al.*, "Perspectives on the Use of Human Fetal Tissue in the Field of Research on Diabetes Mellitus: An Introduction," in Charles M. Peterson *et al.*, eds., *Fetal Islet Cell Transplantation: Implications for Diabetes* (New York: Springer Verlag, 1988), p. 1.

¹⁵Tom Regan, *The Case for Animal Rights* (Berkeley and Los Angeles: University of California Press, 1983), p. 324.

¹⁶S.F. Sapontzis, *Morals, Reason and Animals* (Philadelphia: Temple University Press, 1987), p. 219.

¹⁷For a development of this line of reasoning, see Lawrence Finsen, "On Being Subjected to Research: Exploring Neglected Analogies," presented to the Pacific Division American Philosophical Association, March, 1984.

¹⁸See S.F. Sapontzis, "Are Animals Moral Beings?" *American Philosophical Quarterly* 17 (1980).

¹⁹Information taken from a study by Professor Cyprian Weaver, OSB.

²⁰See Paul Ramsey, "Consent as a Canon of Loyalty with Special Reference to Children in Medical Investigation," in Tom Beauchamp and LeRoy Walters, eds., *Contemporary Issues in Bioethics* (Encino, California: Dickenson, 1978), pp. 453-456.

²¹See Richard McCormick, "Proxy Consent in the Experimentation Situation," in Beauchamp and Walters, pp. 457-464.

²²The relevant Department of Health and Human Services guidelines are discussed in Baruch Brody and Tristram Engelhardt, eds., *Bioethics: Readings and Cases* (Englewood Cliffs, New Jersey: Prentice Hall, 1987), pp. 266-267.

²³McCloskey, p. 80.

²⁴*Ibid.*

²⁵See the discussion in Ralph B. Potter, *War and Moral Discourse* (Richmond, Virginia: John Knox Press, 1973), especially chapter 5.

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"Dreaming Eden"

Rainbows of fish,
streamers of dolphins.
A celebration for the world.
Pods of whales breaching,
great hands splashing
in a bowl of diamonds.
Shadows on the forest carpet
were just the wings of eagles.
The redwood had no enemies.
Velvet cats walked the night.
Elephants and wolves had nothing
to fear.
Weavings of jungle and swamp
abandoned on the loom.
Home only to those who belonged
there.
Water was clean,
air was visible.
Earth was colonized by flowers.
No one here can remember,
but it must have been quite a time.

— Kathleen Malley